

Electronic Filing System (EFS) Data

Electronic Patent Application Submission

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EFS ID: 16353
Application ID: 10064409
Title of Invention: STRUCTURE OF AN EMBEDDED
CHANNEL WRITE/ERASE FLASH
MEMORY CELL AND FABRICATING
METHOD THEREOF
First Named Inventor: Ching-Hsiang Hsu
Domestic/Foreign Application: Domestic Application
Filing Date: null
Effective Receipt Date: 2002-07-11
Submission Type: Utility Patent Filing
Filing Type: new-utility
Confirmation Number: 0
Attorney Docket Number: EMEP0021USA
Digital Certificate Holder: cn=Winston Hsu, ou=Registered Attorneys, ou=Patent and
Trademark Office, ou=Department of Commerce, o=U.S.
Government, c=US
Certificate Message Digest: Pv8C2jxvtgkMSwFO0rI2Zg==
Total Fees Authorized: \$370.0
Payment Category: DA - Deposit Account
Deposit Account Number: 500801
Deposit Account Name: WINSTON HSU

TRANSMITTAL FORM

JC474 U.S. PTO
10/064409
07/11/02

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Stylesheet Version: 1.0

Submission Type: Utility
Patent Filing

Attorney Docket
Number:

EMEP0021USA

STRUCTURE OF AN EMBEDDED CHANNEL WRITE/ERASE FLASH MEMORY CELL AND FABRICATING METHOD THEREOF

First Named Inventor: Ching-Hsiang Hsu

SUBMITTED BY

Name:	Mr. Winston Hsu
Registration Number:	41,526
Electronic Signature Mark: Winston Hsu	Date Signed: 20020711
Name:	Mr. Mord Michael Lewis
Registration Number:	50,478
Electronic Signature Mark: Mord Michael Lewis	Date Signed: 20020711

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I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent

application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.

Attached Files:

declaration	EMEP0021-1DEC1.TIF
specification	EMEP0021-1.xml
fee-transmittal	EMEP0021-1fee.xml
ibid-transmittal	EMEP0021-1apds.xml

Attached Image File(s):

EMEP0021-1DEC1.TIF

Comments:

DECLARATION FOR PATENT APPLICATION		Docket Number Optional														
As a below named inventor, I hereby declare that:																
My residence, post office address and citizenship are as stated below next to my name.																
I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:																
<u>STRUCTURE OF AN IMPROVED CHANNEL WRITE/ERASE FLASH MEMORY CELL AND BYPRODUCTIC METHOD THEREOF</u>																
the specification of which is attached hereto unless the following box is checked.																
<input type="checkbox"/> was filed on _____	as United States Application Number or PCT International Application Number _____	and was amended on _____ (if applicable).														
I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.																
I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR § 1.56.																
I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(e) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed.																
<table border="0" style="width: 100%;"> <tr> <td style="width: 33%;">(Number) _____</td> <td style="width: 33%;">(Country) _____</td> <td style="width: 33%;">(Day/Month/Year Filed) _____</td> </tr> <tr> <td>(Number) _____</td> <td>(Country) _____</td> <td>(Day/Month/Year Filed) _____</td> </tr> </table>		(Number) _____	(Country) _____	(Day/Month/Year Filed) _____	(Number) _____	(Country) _____	(Day/Month/Year Filed) _____	Priority Not Claimed <input type="checkbox"/> <input type="checkbox"/>								
(Number) _____	(Country) _____	(Day/Month/Year Filed) _____														
(Number) _____	(Country) _____	(Day/Month/Year Filed) _____														
I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below:																
<table border="0" style="width: 100%;"> <tr> <td style="width: 33%;">(Application Number) _____</td> <td style="width: 33%;">(Filing Date) _____</td> </tr> </table>			(Application Number) _____	(Filing Date) _____												
(Application Number) _____	(Filing Date) _____															
I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s), or § 365(d) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. § 112.																
I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR § 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application.																
<table border="0" style="width: 100%;"> <tr> <td style="width: 33%;">(Application Number) _____</td> <td style="width: 33%;">(Filing Date) _____</td> <td style="width: 33%;">(Status: patented, pending, abandoned) _____</td> </tr> <tr> <td>(Application Number) _____</td> <td>(Filing Date) _____</td> <td>(Status: patented, pending, abandoned) _____</td> </tr> </table>			(Application Number) _____	(Filing Date) _____	(Status: patented, pending, abandoned) _____	(Application Number) _____	(Filing Date) _____	(Status: patented, pending, abandoned) _____								
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(Application Number) _____	(Filing Date) _____	(Status: patented, pending, abandoned) _____														
I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith: <u>MORTON J. ROSENBERG, ESQ., REG. # 28,049;</u>																
<table border="0" style="width: 100%;"> <tr> <td style="width: 33%;">Address all telephone calls to</td> <td style="width: 33%;">DAVID I. KUHN, ESQ., REG. # 33,253, JUNYU LEE, ESQ., REG. # 40,262</td> </tr> <tr> <td>Address all correspondence to</td> <td>MORTON J. ROSENBERG at telephone number 410-465-6676</td> </tr> <tr> <td></td> <td>ROSENBERG, KUHN & LEE</td> </tr> <tr> <td></td> <td>3458 ELLICOTT CENTER DRIVE SUITE 101</td> </tr> <tr> <td></td> <td>ELLICOTT CITY, MD 21043</td> </tr> <tr> <td></td> <td>FAX # 410-461-3087</td> </tr> <tr> <td></td> <td>E-MAIL ADDRESS: <u>dk@kaplaw.com</u></td> </tr> </table>			Address all telephone calls to	DAVID I. KUHN, ESQ., REG. # 33,253, JUNYU LEE, ESQ., REG. # 40,262	Address all correspondence to	MORTON J. ROSENBERG at telephone number 410-465-6676		ROSENBERG, KUHN & LEE		3458 ELLICOTT CENTER DRIVE SUITE 101		ELLICOTT CITY, MD 21043		FAX # 410-461-3087		E-MAIL ADDRESS: <u>dk@kaplaw.com</u>
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	ELLICOTT CITY, MD 21043															
	FAX # 410-461-3087															
	E-MAIL ADDRESS: <u>dk@kaplaw.com</u>															
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and perjury so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.																
Full name of sole or first inventor (given name, family name) <u>Ching-Hsiang HSU</u>																
Inventor's signature <u>Ching-Hsiang Hsu</u>		Date <u>May 4, 2001</u>														
Citizenship <u>Taiwan, R.O.C.</u>																
Mailing Address <u>8F-3, No. 81, Shueili Rd., Hsin-Chu, Taiwan, 300, R.O.C.</u>																
Full name of second joint inventor, if any (given name, family name) <u>Ching-Sung YANG</u>																
Second inventor's signature <u>Ching-Sung Yang</u>		Date <u>May 4, 2001</u>														
Citizenship <u>Taiwan, R.O.C.</u>																
Mailing Address <u>8F-3, No. 81, Shueili Rd., Hsin-Chu, Taiwan, 300, R.O.C.</u>																
<input type="checkbox"/> Additional inventors are being named on separately numbered sheets attached hereto																

FEE TRANSMITTAL

Electronic Version 1.1.0

Stylesheet Version: 1.0

Patent fees are subject to annual revisions on or about October 1st of each year.

Small Entity

Small Business Concern

TOTAL FEES AUTHORIZED: \$ 370

The commissioner is hereby authorized to charge indicated processing and/or publication fees and credit any overpayments to:

Deposit Account Number: 500801



Deposit Account Name: NORTH AMERICA INTERNATIONAL PATENT OFFICE

Charge Any Additional Fee Required Under 37 C.F.R. Sections 1.16 and 1.17.

Charge Assignment Fees Required Under 37 C.F.R. Section 1.21 (h).

SUBMITTED BY

Authorized Name: WINSTON HSU
Electronic Signature Mark: VAEB-JMXX-8IIL
Date Signed: 20020711

BASIC FILING FEE

Fee Description	Fee Code	Fee Paid
Utility Filing Fee	201	\$ 370

Subtotal For Basic Filing Fee: \$ 370

EXTRA CLAIM FEES

	Fee Code	Fee	Extra Claims	Fee Paid
Total Claims: 0	203	\$ 9	0	\$ 0
Independent Claims: 0	202	\$ 42	0	\$ 0

Subtotal For Extra Claims Fees: \$ 0